




PHOTOSENSITIVE ACID GENERATING COMPOSITION AND SENSITIZER THEREFOR

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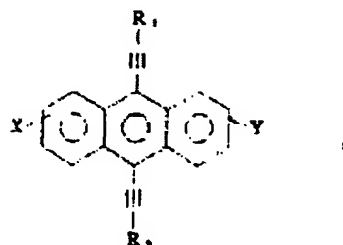
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Abstract of JP3200257

PURPOSE: To directly form an image with visible light or laser light by using a specified sensitizer and an initiator generating an acid when exposed with radiation in the presence of the sensitizer.

CONSTITUTION: This photosensitive acid generating compsn. consists of an arom. iodonium salt as an initiator and a sensitizer represented by formula I, wherein each of R₁, R₂, X and Y is a nonbasic substituent selected from among alkyl, alkoxy, trialkylsilyl and about 4-20C optionally substd. arom. groups. This sensitizer-photoinitiator system consists preferably of the arom. iodonium salt and 1,8-dimethoxy-9,10-bis(phenylethynyl)anthracene as a sensitizer. An image can directly be formed with visible light or laser light.



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